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NOVEMBER

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THE UNIVERSITY OF ALBERTA

# FALL CONVOCATION

*for the*

*Conferring of Degrees*



*Northern Alberta Jubilee Auditorium*

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1977

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## THE PRESENTATION

The Dean of the Faculty of Arts asks the candidates for degrees to rise, and presents them with these words:

"Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled."

## THE PLEDGE

The President, then rising, addresses the candidates in these words:

"Do you promise faithfully to observe and loyally to maintain the statutes, customs, privileges and liberties of this your University? Do you solemnly promise to conduct yourself in all things loyally and faithfully to the honor of your University, the encouragement of learning and the good of your country?"

Each candidate replies: "These things I pledge myself to do."

## THE ADMISSION

The Chancellor then addresses the candidates in these words:

"By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, rights and privileges pertaining to such degrees, and I charge you to use them for the glory of God and the honor of your country."

Candidates then sit down.

Please refer to the inside back cover of this program for a short history of academic dress.

# *The University of Alberta*

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FALL CONVOCATION

for the

CONFERRING OF DEGREES

THE CHANCELLOR, MR. R. N. DALBY, *Presiding*



TWO O'CLOCK, SATURDAY AFTERNOON  
NOVEMBER THE NINETEENTH  
NINETEEN HUNDRED AND SEVENTY-SEVEN  
NORTHERN ALBERTA JUBILEE AUDITORIUM  
EDMONTON, ALBERTA

# *Program*

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## ACADEMIC PROCESSION

*The audience and graduands will remain seated during the musical prelude. Following a pause in the music the band will play the opening bars of the processional music to signal the arrival of the Chancellor and other members of the Platform Party. The audience and graduands should then rise and remain standing until after the Invocation.*

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## O CANADA

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## THE INVOCATION

Reverend G. M. Tuttle, B.A., Th.D., D.D.

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## REPORT ON THE UNIVERSITY

Dr. Harry Gunning, President

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## PRESENTATION OF ALUMNI GOLDEN JUBILEE AWARD

To Aylmer A. Ryan

Presented by Mr. A. M. Arbeau

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## CONFERRING OF DEGREES

The Presentation

The Pledge

The Admission

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## PRESENTATION OF DIPLOMAS

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## CONFERRING OF HONORARY DEGREE OF DOCTOR OF LAWS

Robert Macdonald Hardy, B.Sc., M.Sc., D.Sc., F.R.C.S., F.E.I.C.

Presented by Dr. George Ford

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## CONVOCATION ADDRESS

Dr. R. M. Hardy

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## GOD SAVE THE QUEEN

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## RECESSION

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Members of the audience are requested to remain at their seats until the Platform Party and the graduates have recessed.

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Music provided by The Wind Ensemble under the direction of Ernest Dalwood, A.Mus.  
The assistance of the Music Performance Trust Fund and the Edmonton Musicians' Association is gratefully acknowledged.

# *Awards*

## *AWARD IN THE FACULTY OF EDUCATION*

*A Hooper-Munroe Academic Award Winner*

Ronald William Kenworthy, Fort Vermilion

## *FIRST CLASS STANDING*

*Faculty of Physical Education and Recreation*

*Bachelor of Physical Education*

Wendy Elizabeth Cocker

Michael Robin Townley

*Bachelor of Arts in Recreation Administration*

Russell Lee Dahms

*Faculty of Science*

*B.Sc. with Honors*

Joanne Elizabeth Royer

# Degrees

The list of candidates for degrees and diplomas appearing herein is subject to such corrections, with respect to both deletions and additions, as may be necessary.

## *Admitted to the Degree of Doctor of Laws, Honoris Causa*

Robert Macdonald Hardy, B.Sc., M.Sc., D.Sc., F.R.C.S., F.E.I.C.

## *Admitted to the Degree of Doctor of Philosophy*

*Candidates presented by Professor J. Forster*

*Dean of the Faculty of Graduate Studies and Research*

Harindar Singh Aulach, B.A. (St. John's College), M.A. (Chandigarh) (Political Science)  
Edmonton

William Ramage Avison, B.A., M.A. (Alberta) (Sociology) Ontario

John Peter Bana, B.A., B.Ed., M.Ed. (Western Australia) (Elementary Education) Australia

John Richard Bannister, Ingeniero Civil Electricista (Chile) (Geophysics) Chile

James Joseph Beaubien, B.Ed., M.Ed. (Saskatchewan) (Counselling Psychology) Edmonton

Denis Beaulieu, B.Sc., M.Sc. (Laval) (Civil Engineering) British Columbia

Murray Gordon Bell, B.Sc., M.Sc. (Manitoba) (Mathematics) Manitoba

Jerome Edmonton Bickenbach, B.A. (San Jose State College), M.A. (Alberta) (Philosophy)  
Edmonton

Robert Alan Black B.S., M.S. (Kent State) (Plant Ecology) Calgary

Roy John Boila, B.S.A., M.Sc. (Manitoba) (Animal Biochemistry) Manitoba

Calvin Bruce Botterill, B.P.E. (Manitoba), M.A. (Alberta) (Physical Education) Ontario

Dennis Leslie Brammer, M.A. (Ateneo de Manila) (Educational Psychology) Redwater

Iain Douglas Calder, B.Sc. (Queen's) (Low Temperature Physics) Edmonton

Brian John Caldwell, B.Sc., B.Ed. (Melbourne), M.Ed. (Alberta) (Educational Administration)  
Edmonton

Peter Joseph Catania, B.A.Sc. (Waterloo), M.Sc. (Alberta) (Chemical Engineering)  
Saskatchewan

Mary MacCrimmon Chance, B.Sc. (McGill), M.Sc. (Alberta) (Entomology) Quebec

Neil William James Clarke, B.A., M.Ed. (Alberta) (Educational Administration)  
Sherwood Park

Wilbur John Collin, B.Sc., B.Ed., M.Ed. (Alberta) (Educational Administration) Olds

Margaret Lynn Cooper, B.A., M.A. (City University of New York) (Comparative Literature)  
Ontario

Dale Richard Drost, B.Sc., B.Ed. (Mount Allison), M.Ed. (Alberta) (Secondary Education)  
New Brunswick

Henriette Elizabeth Durand, B.A., M.Ed. (Alberta) (Educational Psychology) Edmonton

Wallace Victor Eggert, B.A. (British Columbia), M.A. (Simon Fraser) (Elementary Education)  
British Columbia

Brian Patrick Erno, B.Sc. (Lethbridge) (Chemistry) Lethbridge

James Harry Fasano, B.Sc., B.Ed. (Manitoba), M.Ed. (Alberta) (Elementary Education)  
Manitoba

Earl James Findlay, B.Sc. (Alberta) (Biochemistry) Sherwood Park

Real Jacques Gaboriault, B.Sc. (Sherbrooke), M.Sc. (Alberta) (Physical Education) Edmonton

William Garnet Gibson, B.P.E. (British Columbia), M.A. (Alberta) (Physical Education)  
Camrose

Lucien Henri Gravelle, B.Ed. (McGill), M.S. (Springfield College) (Physical Education)  
Ontario

Craig Randall Hall, B.A., B.P.E. (McMaster), M.P.E. (Windsor) (Physical Education) Ontario

Claus August Hallschmid, B.A., M.S.W. (British Columbia) (Educational Psychology)  
British Columbia

Charles Richard Haringington B.A., B.Sc. (Alberta), M.Sc. (McGill) (Zoology) Calgary

Bryan Douglas Hartmann, B.A., M.A. (British Columbia) (Educational Psychology)  
Newfoundland

James Roy Hawkins, B.Sc. (Alberta) (Chemical Engineering) Edmonton

George Leslie Charles Hills, B.Ed., M.Ed. (Alberta) (Philosophy of Education) Milk River

Gerald Austin Hopkirk, B.Sc. (Mount Allison), B.Ed., M.A. (Dalhousie) (Educational  
Administration) Prince Edward Island

Keith Douglas Horton, B.Sc. (Toronto), M.Sc. (Alberta) (Psychology) Ontario

Sigrid Anne Hundleby, B.Ed., M.A. (Victoria) (Counselling and School Psychology) Edmonton

Susan Elizabeth Jackel, B.A., M.A. (Toronto) (English) Edmonton

Brian Cyril Jones, B.P.E. (Manitoba), M.A. (McGill) (Physical Education) Manitoba  
 Mary Ellen Kendall, B.S. (Northern Arizona) (Educational Psychology) Edmonton  
 Surender Kumar Kenue, B.Sc. (Jammu), M.A. (Kashmir), M.Sc. (Alberta) (Computing Science) U.S.A.  
 Lauriston Livingston Keown, Jr., B.A. (Baltimore), M.Sc. (Alberta) (Educational Psychology) Bon Accord  
 George Edward Kingston, B.P.E., B.Ed., M.A. (Alberta) (Physical Education) Calgary  
 Maria Margaret Klawe, B.Sc. (Alberta) (Mathematics) Edmonton  
 Kirpa Ram Koundal, B.Sc. (Punjab Agricultural), M.Sc. (Indian Agricultural Research Institute, New Delhi) (Plant Biochemistry) Edmonton  
 Anita Krebs, B.Sc. (Alberta) (Biochemistry) Edmonton  
 Sing Ping Lee, B.Sc. (Notre Dame) (Chemistry) Edmonton  
 Brian Edward Luckhurst, B.Sc., M.Sc. (McGill) (Zoology) Bermuda  
 Alejandro MacKay, B., Ingeniero Civil de Industrias (Universidad Catolica de Chile) (Electrical Engineering) Chile  
 Ross Douglas Earle MacPhee, B.A. (British Columbia) (Anthropology) Edmonton  
 Robert Gordon Mahen, B.A., B.Sc., B.Ed., M.A.(Ed), (Dalhousie) (Elementary Education) Prince Edward Island  
 Sikhumbuzo Maqubela, B.A. (Rhodes), B.A. (South Africa), M.A. (Western Ontario) (History) South Africa  
 Percy Wilson Marland, B.A. (Queensland), M.Ed. (James Cook University of North Queensland) (Elementary Education) Australia  
 Ken John McDonell, B.Sc., M.Sc. (Monash) (Computing Science) Australia  
 Euan Cuthbert MacPhee, B.Sc. (Hatfield Polytechnic), M.Sc. (University College London) (Zoology) Great Britain  
 Jai Prakash Mishra, B.Sc. (U.P. Agricultural), M.Sc. (Indian Agricultural Research Institute, New Delhi) (Rural Economy) India  
 Robert Bruce Morrison, B.A. (Michigan State), M.A. (Kansas) (Anthropology) Edmonton  
 David Garth Muttart, B.A., B.Ed. (Acadia), M.Ed. (Calgary) (Elementary Education) Nova Scotia  
 John Aage Nielsen, B.Sc., M.A. (Alberta) (History) Sherwood Park  
 Margaret Nussbaumer, B.Ed., M.Ed. (Calgary) (Educational Administration) Edmonton  
 Serafina Penny Petrone, B.A. (Western Ontario), M.A. (Lakehead) (English) Ontario  
 Suparak Racha-Intra, B.Ed. (Bangkok), M.Ed. (Alberta) (Secondary Education) Thailand  
 Patrick Joseph Renihan, B.Ed. (Saskatchewan), M.Ed. (Regina) (Educational Administration) Edmonton  
 Patricia Thelma Rooke, B.Ed., M.A. (Calgary) (History of Education) Calgary  
 James Kenneth Ryan, B.S. (California) (Entomology) Edmonton  
 Thomas Gerard Ryan, B.Sc. (Prince Edward Island) (Chemistry) Prince Edward Island  
 Jean Joseph Seguin, B.A., B.Ed., M.Ed. (Ottawa) (Educational Administration) Bonnyville  
 Renée Sirois-Dumais, B.Sc. (Quebec) (Mathematics) Edmonton  
 Terrance Gordon Smyrl, B.Sc., M.Sc. (Manitoba) (Food Science) Manitoba  
 Thomas James Timothy Spanos, B.A. (Lethbridge), M.Sc. (Alberta) (Physics) Edmonton  
 Brian Jeffrey Stackhouse, B.Sc. (Alberta) (Physics) Red Deer  
 Reginald Kieth Storms, B.Sc. (Alberta) (Genetics) Edmonton  
 Geraldine Hamilton Tannis, B.A. (Western Ontario), M.Sc. (Alberta) (Physical Education) Devon  
 Graham Walter Taylor, B.E., M.Sc. (Queensland) (Civil Engineering) British Columbia  
 Rex William Thomson, M.S. (Montana) (Physical Education) New Zealand  
 Akihiko Tsuneda, B.Sc., M.Sc. (Hokkaido) (Plant Pathology) Japan  
 Carol-Jean Marie Anne Urquhart-Ross, B.A., M.A. (Alberta) (Sociology) British Columbia  
 Marian Alfred Weschuk, B.Ed., M.Ed. (Alberta) (Educational Administration) Edmonton  
 John George Wilkinson, B.Ed. (McGill), M.Sc. (Ottawa) (Physical Education) Quebec  
 Robert Peter Woolstencroft, B.A. (Alberta) (Political Science) Ontario

### *Admitted to the Degree of Master of Arts*

John Charles Anderson, B.A. (Guelph) (History) Ontario  
 Patsy Sue Baldwin, B.A. (San Fernando State College) (Sociology) Edmonton  
 Howard Perry Beckman, A.B. (San Francisco State College) (Drama) U.S.A.  
 Richard Charles Daniel, B.A. (Alberta) (Sociology) Ontario  
 Marie Josephine Dinwoodie, B.A. (Colorado) (Community Development) U.S.A.  
 Valerie Marie Drogus, B.A. (Allegheny College) (Comparative Literature) U.S.A.  
 Terence Michael Eastwood, B.A. (Alberta) (History) British Columbia  
 Trenholme Allan Edwards, B.A., LL.B. (Alberta) (Sociology) Edmonton  
 David Evans, B.A. (Alberta) (History) Edmonton  
 Russell James Foster, B.A. (St. Mary's) (Geography) Edmonton

Emilio Giulio Gatto, B.A. (Alberta) (Romance Languages) Italy  
 Andrés Gniazdowsky, B.A. (Brock) (Hispanic Literatures) Ontario  
 Patricia Lynn Gostick, B.A. (Toronto) (Romance Languages) Ontario  
 Michael Dobbs Harvey, B.Sc. (Victoria) (Psychology) Edmonton  
 Brian Parnell Hayley, B.A. (Alberta) (Geography) Calgary  
 Robert Clarke Hill, B.Comm. (Saskatchewan), B.A. (Alberta) (Political Science) Edmonton  
 Walter Leigh Hill, B.A. (British Columbia) (Economics) Edmonton  
 Agnes Helen Hubert, B.A. (Alberta) (English) Coaldale  
 Susan Esther Inglis, B.P.E. (Alberta) (Physical Education) Red Deer  
 Max Innes, B.A. (Middlesex Polytechnic) (Sociology) England  
 John Watson Ives, B.A. (Saskatchewan) (Anthropology) Saskatchewan  
 Frank Robert Jasperse, B.A. (Alberta) (Economics) Edmonton  
 Irene Alexandra Chuchman Jendzjowsky, B.A. (Alberta) (Ukrainian) Edmonton  
 Jan-Geir Johansen Aase, B.A. (Lethbridge) (English) Lethbridge  
 Thomas John Kendall, B.P.E. (Alberta) (Physical Education) Edmonton  
 Ursula Erika Lefèvre, B.Ed. (Alberta) (Romance Languages) Edmonton  
 France Cecile Levasseur-Ouimet, B.Ed. (Alberta) (Romance Languages) Edmonton  
 James Andrew McDonald, B.A. (Manitoba) (Anthropology) Manitoba  
 Brian Edmund John McKinistry, B.A. (Saskatchewan) (Germanic Languages) U.S.A.  
 George Frederick McNally, B.A., B.Ed. (Alberta) (History) Edmonton  
 Janet Elizabeth Moodie, B.A. (New Brunswick) (Classics) Edmonton  
 John Leslie Nicholls, B.A. (Alberta) (History) Edmonton  
 Jeanne Martha Perreault, B.Ed. (Alberta) (English) Edmonton  
 Richard Thomas Price, B.Com., B.D. (Alberta) (Political Science) Cooking Lake  
 Bradford Guy Reid, B.Comm. (Saskatchewan) (Economics) Saskatchewan  
 Robert Thomas Robinson, B.A. (Alberta) (Corrections) Edmonton  
 Jeremy John Rossiter, M.A. (Edinburgh) (Classical Archaeology) England  
 Judith Debra Rudakoff, B.A. (McGill) (Drama) Quebec  
 Nancy Ann Schelstraete, B.A. (Alberta) (English) Sherwood Park  
 Ralph Michael Schuh, B.A. (Carleton) (Sociology) Quebec  
 Ellen Schoeck Solomon, B.A. (Alberta) (History) Edmonton  
 Lyn Marion Tait, B.A. (Acadia) (East European and Soviet Studies) Newfoundland  
 Alan Taylor, B.A. (Sheffield) (English) England  
 Roland Gerald Ward, B.Ed. (Alberta) (Geography) Edmonton

### *Admitted to the Degree of Master of Science*

Douglas Norman Abrams, B.Sc. (Alberta) (Bionucleonics) Edmonton  
 Abdul Rahman Al-Adra, B.S. (California) (Immunology) Edmonton  
 John Henry Alway, B.Sc. (Exeter) (Zoology) Edmonton  
 Chong Ying Daniel Au, B.Sc. (Alberta) (Physics) Edmonton  
 John Frederick Bain, B.Sc. (Alberta) (Botany) Edmonton  
 Robert Lawrence Baker, B.Sc. (Guelph) (Zoology) Ontario  
 Robin Bruce Barnett, B.Sc. (McGill) (Physics) Quebec  
 Ronald Raymond Bjorge, B.Sc. (Alberta) (Zoology) Edberg  
 Richard George Bramm, B.Sc. (Trent) (Geography) Edmonton  
 Sospeter Rwehumbiza Kakiziba Bukagile, B.Sc. (Alberta) (Agricultural Economics) Tanzania  
 David Frank Cape, B.Sc. (Windsor) (Geology) Calgary  
 Martin Roger Carter, B.Sc. (Alberta) (Soil Science) England  
 Bharat Singh Chahar, B.Tech. (Indian Institute of Technology, New Delhi) (Chemical Engineering) India  
 John Walter Cheronogrodzky, B.Sc. (Toronto) (Microbiology) Ontario  
 Garth Churney, B.Sc. (Regina) (Physics) Edmonton  
 Stewart Jay Cohen, B.Sc. (McGill) (Geography) Quebec  
 Douglas D. Colwell, B.Sc. (Lethbridge) (Zoology) Lethbridge  
 Edward David Cooper, B.Sc. (Exeter) (Physics) England  
 Joseph Rodolphe Réal D'Amours, B.A., B.Sc. (Montreal) (Meteorology) Edmonton  
 Aymn Mohammed Nurdin Dharamsi, B.Sc. (Nairobi) (Electrical Engineering) St. Albert  
 Lawrence Wayne Diehl, B.Sc. (British Columbia) (Meteorology) Edmonton  
 Steve Ronald Dobay, B.Sc. (Alberta) (Computing Science) Edmonton  
 Brian Glen Dunsworth, B.Sc. (Alberta) (Forest Science) Edmonton  
 David Michael Ealey, B.Sc. (Queen's) (Zoology) Ontario  
 Fathalla Mohamed El-Nahhas, B.Sc., M.Sc. (Ain Shamus) (Civil Engineering) Egypt  
 Alaa Eldin Anwar Mahfouz Elwi, B.Sc. (Cairo) (Civil Engineering) Egypt  
 Donald Emerson, B.Sc. (Leicester) (Geology) Northern Ireland  
 Tyrone Roger Faechner, B.Sc. (Alberta) (Plant Breeding) Edmonton

Ian Michael Franks, B.Ed. (McGill) (Physical Education) Edmonton  
 Lois Elaine Girton, B.Sc. (Alberta) (Genetics) Didsbury  
 William Mitchell Glasgow, B.Sc. (Alberta) (Zoology) Edmonton  
 Gaston Godin, L.E.P. (Laval) (Physical Education) Quebec  
 Randolph George Goebel, B.Sc. (Regina) (Computing Science) Saskatchewan  
 Harold Winnfield Gonyou, B.Sc. (Guelph) (Animal Physiology) Ontario  
 Barry Cameron Green, B.Sc. (Manitoba) (Meteorology) Manitoba  
 Lawrence David Harder, B.Sc. (Alberta) (Zoology) Edmonton  
 Rakesh Kumar Jain, B.Sc., M.Sc. (Delhi) (Computing Science) India  
 Eric Johansen, B.Sc. (Alberta) (Genetics) Edmonton  
 Daniel Theodore Johnson, B.Sc. (Alberta) (Computing Science) Edmonton  
 Rajesh Kaliandasani, B.Tech. (Indian Institute of Technology, New Delhi) (Civil Engineering) India  
 Susanna Kesmarky, B.Sc. (Queen's) (Geology) Edmonton  
 Chong Gun Kim, B.E. (Hanyang) (Electrical Engineering) Edmonton  
 Carol Ruth Christie Knowles, B.Sc.N. (Alberta) (Family Studies) Edmonton  
 Hemant Vinayak Kogekar, B.Tech. (Indian Institute of Technology, Bombay) (Process Control) India  
 Philippe André Lachapelle, B.Sc. (McGill) (Meteorology) Quebec  
 Michael Abimbola Lawal, B.Sc. (Leicester) (Electrical Engineering) Nigeria  
 Shu Kay Joseph Lee, B.Sc. (Western Ontario) (Physics) Edmonton  
 Elizabeth Kashiya Leonard, B.Sc. (Alberta) (Mathematics) Edmonton  
 Man Kwong Lawrence Leung, B.A. (Kalamazoo College) (Physics) British Columbia  
 Eunice Chi Yu Li Chan, B.Sc. (British Columbia) (Biochemistry) British Columbia  
 John Marion Loré, B.A. (Denver) (Geography) Nova Scotia  
 William Frederick Luke, B.P.E. (Alberta) (Physical Education) Red Deer  
 John Jacob Lyanga, M.B.Ch.B. (Makere) (Medicine) Edmonton  
 Richard Kenneth Mably, B.Sc. (Toronto) (Theoretical Physics) Ontario  
 Alan Stuart MacDonald, B.Sc. (Mount Allison) (Weed Science) New Brunswick  
 Georgia Elisabeth Magnera, B.A. (Carleton) (Psycholinguistics) Edmonton  
 Luis Mafietto, B.Sc. (London) (Mathematics) Edmonton  
 Patrick David Marce, B.Sc. (Alberta) (Food Science) Saskatchewan  
 Rein Arnold Matiesen, B.Sc. (Alberta) (Civil Engineering) Eckville  
 Robert John McFetridge, B.Sc. (Alberta) (Zoology) Edmonton  
 Donald John McGillivray, B.Sc. (Alberta) (Physics) Edmonton  
 Harry Robert McKim, B.Sc. (Alberta) (Experimental Medicine) Edmonton  
 Angus John McLeod, B.Sc. (Alberta) (Agricultural Engineering) Edmonton  
 Ronald Walker McMullin, B.Sc. (Alberta) (Soil Science) Raymond  
 Robert Ernest Mercer, B.Sc. (Alberta) (Computing Science) Sherwood Park  
 Christoph Beat Georg Meyer, Diplom Chemie-Ingenieur (Eidgenossische Technische Hochschule, Zurich) (Process Control) Ontario  
 Bruce James Milner, B.S. (Oregon State) (Botany) British Columbia  
 David Louis John Moyles, B.Sc. (Brandon) (Zoology) Edmonton  
 Donald Robert Musbach, B.S. (State University of New York) (Zoology) Edmonton  
 Thalia Ioanna Nicas, B.Sc. (Calgary) (Medical Bacteriology) Quebec  
 Theodore Adam Ondrus, B.Sc. (Alberta) (Pharmaceutical Chemistry) Coleman  
 Douglas Stanley Phillips, B.Sc. (Calgary) (Theoretical Physics) Edmonton  
 Dorianne Elizabeth Rheume, B.Sc. (Carleton) (Pharmacology) Ontario  
 Eva Ruhna, Vordiplom (Erlangen) (Mathematics) West Germany  
 James Douglas Salahub, B.Sc. (Alberta) (Microbiology) Edmonton  
 Marvin Orville Salomons, B.Sc. (Alberta) (Animal Nutrition) Lacombe  
 Josef Konrad Schmutz, B.S. (Wisconsin) (Zoology) West Germany  
 Nejla Halime Sentürk, M.Eng. (Ankara) (Chemical Engineering) Edmonton  
 Meiun Shintani, B.Sc. (Shizuoka) (Theoretical Physics) Edmonton  
 Robert McKinley Slipp, B.P.E. (New Brunswick) (Physical Education) New Brunswick  
 Charles Christopher Smart, B.Sc. (Bristol) (Geography) Edmonton  
 George Campbell Smith, B.Sc. (Guelph) (Poultry Nutrition) Quebec  
 Ronald Harvey Smyth, B.A. (Carleton) (Psycholinguistics) Edmonton  
 Carol Diane Steedman, B.Sc.(H.Ec.) (Alberta) (Foods) Calgary  
 Larry John Sydora, B.Sc. (Alberta) (Geophysics) Innisfree  
 Gerald Fay Tande, B.S. (Wisconsin) (Plant Ecology) U.S.A.  
 Ronald Bruce Thomson, B.Sc. (Victoria) (Meteorology) British Columbia  
 Brundaban Tripathy, B.Sc. (College of Agricultural Engineering, Orissa), M.Sc. (Alberta) (Civil Engineering) India  
 John Waikwong Tse, B.Sc. (Alberta) (Bionucleonics) Edmonton  
 Helen Leighton Tyson, B.Sc. (Toronto) (Zoology) Edmonton  
 Dirk Marinus Johannes Van Schie, Kandidaat (Leiden) (Chemistry) England

Angeline Verenka, B.Sc. (Alberta) (Psychology) Edmonton  
 Sandra Kae White, B.Sc.(H.Ec.), (Alberta) (Family Studies) British Columbia  
 Gregg Joseph Wiche, B.S. (South Dakota State) (Geography) Edmonton  
 Amanda Jane Wilkinson, B.Sc. (British Columbia) (Botany) Lethbridge  
 Lubomir Wojtiw, B.Sc., M.Sc. (Alberta) (Meteorology) Edmonton  
 Steven John Wolf, B.A. (State University of New York) (Botany) Edmonton  
 Ronald Louis Woodburn, B.S. (Oklahoma State) (Geography) U.S.A.  
 George Chan-Chung Yeung, B.Sc. (Queen's) (Petroleum Engineering) Calgary  
 Donald Alan Young, B.Sc. (Regina) (Zoology) Edmonton  
 Grant Verner Zackowski, B.Sc. (Alberta) (Electrical Engineering) Edmonton

### *Admitted to the Degree of Master of Laws*

Michael Bryan Niven, LL.B. (Dundee) Edmonton  
 Peter Frederick Rhodes, LL.B. (Auckland) Saskatchewan  
 Syed Jamal Shah, B.A. (Peshwar), LL.B. (Karachi) Edmonton

### *Admitted to the Degree of Master of Education*

Marie-Louise Abrioux, B.A. (Saskatchewan) (Counselling Psychology) Edmonton  
 Christian Emmanouel Kwasi Amenu-Tekaa, B.A., B.S.A. (St. Francis Xavier) (Industrial and Vocational Education) Ghana  
 Lillian Ruth Ball, B.Ed. (Alberta) (Educational Administration) Ardrossan  
 Lucy Barbara Bedingfield, B.Ed. (Alberta) (Industrial and Vocational Education) Spirit River  
 Robert Lloyd Bell, B.A. (Andrews) (Counselling Psychology) Gibbons  
 Keith Vernon Berg, B.Ed. (Alberta) (Educational Administration) Edmonton  
 Margaret Jean Brackstone, B.Sc.N. (Western Ontario) (Counselling Psychology) St. Albert  
 David Thorstein Brekke, B.Ed. (Alberta) (Elementary Education) Yukon  
 Anne Vesna Butorac, B.A. (Western Australia) (Anthropology and Intercultural Education) Australia  
 Ted Leo Cabaj, B.A., B.Ed. (Alberta) (Counselling Psychology) St. Paul  
 Lee Ellen Cadman, B.Sc.N. (Alberta) (Educational Administration) Edmonton  
 Laurie Joanne Caverly, B.Ed. (Regina) (Educational Administration) Saskatchewan  
 Gloria Anna Magdalena Chalmers, B.A. (Sir George Williams) (Educational Administration) British Columbia  
 Cowden Erimiah Masarirambi Chikombah, B.A. (Lincoln), M.Ed. (Queen's) (Educational Administration) Edmonton  
 Ruby Lois Cottreau, B.Ed. (Calgary) (Educational Psychology) (Red Deer)  
 Adrienne Barbara Coull, B.Ed. (Alberta) (Elementary Education) Edmonton  
 Rebecca Coulter, B.A. (Alberta) (History of Education) Fort Saskatchewan  
 Louella Marguerite Cronkhite, B.Ed. (Alberta) (Elementary Education) Edmonton  
 Sister Helen Mary Nora Danahy, B.Sc., B.Ed. (Mount Saint Vincent) (Educational Administration) British Columbia  
 Donald Edward Ehman, B.A. (Manitoba) (Counselling Psychology) Calgary  
 Isabel Ann Evans, B.Ed. (Alberta) (Educational Psychology) Edmonton  
 Dorothy Elaine Phyllis Gillingham, B.A. (York) (Counselling Psychology) Edmonton  
 Patricia Anne Rawski Gniazdowsky, B.A. (Brock) (Counselling Psychology) Ontario  
 Catherine Elizabeth Romanchuk Gordey, B.Ed. (Alberta) (Secondary Education) Edmonton  
 Margaret Rose Hewko Grabia, B.Ed. (Alberta) (Educational Psychology) Mundare  
 Ian Douglas Grant, B.T., B.A. (New Brunswick) (Educational Administration) New Brunswick  
 Douglas Joseph Hagen, B.A. (St. Dunstan's) (Industrial and Vocational Education) Prince Edward Island  
 Terrence Edward Harrison, B.Ed. (Saskatchewan) (Industrial and Vocational Education) Saskatchewan  
 Jerome Ijachi Idoko, Diploma (Dundee College of Education), Certificate (Moray House College of Education) (Educational Administration) Nigeria  
 Andrew Abiebhode Imandojemu, B.Ed. (Alberta) (Industrial and Vocational Education) Nigeria  
 John James Jagodzinski, B.F.A. (Notre Dame), B.Ed. (Alberta) (Secondary Education) Edmonton  
 Margaret Ann Jamieson, B.S.R. (British Columbia) (Educational Psychology) Sherwood Park  
 Keith Johnson, B.Ed. (Alberta) (Educational Foundations) Edmonton  
 Richard Dale Johnson, B.Ed. (Alberta) (Educational Administration) Edmonton  
 Samuel Donald Johnson, B.Ed. (Alberta) (Educational Administration) Sherwood Park  
 Constance Franklin Kenney, B.A. (British Columbia) (Educational Psychology) Edmonton

Randall John Robert Krausher, B.A. (Saskatchewan) (Educational Psychology) Edmonton  
 Lyonel Wesley Kruger, B.A. (Saskatchewan), B.Ed. (Alberta) (Educational Administration) Edmonton  
 Rolf Heinrich Walter Kugelstadt, B.Ed. (Alberta) (Industrial and Vocational Education) Tofield  
 Phyllis Maria Elena La Fleur, B.Ed. (Alberta) (Secondary Education) Edmonton  
 Nancy Louise Leith, B.A. (Windsor) (Educational Psychology) Ontario  
 Lincoln Reigh MacKenzie, B.Sc. (Prince of Wales College) (Industrial and Vocational Education) Prince Edward Island  
 Daniel Honoré Magnan, B.Ed. (Alberta) (Educational Administration) Edmonton  
 Gordon George Burdett Mallett, B.Sc., B.Ed. (Alberta) (Secondary Education) Edmonton  
 Marilyn Joyce Murray Mallett, B.Ed. (Alberta) (Educational Psychology) St. Albert  
 Laura Margaret Mann, B.Ed. (Alberta) (Educational Administration) Sherwood Park  
 Ann Catherine Manson, B.Ed. (Alberta) (Educational Administration) St. Albert  
 Darryl Grant Mayan, B.Sc. (Alberta) (Educational Administration) Edmonton  
 Donald Douglas McDavid, B.Sc. (Alberta) (Educational Administration) Edmonton  
 Kenneth Wallace McMillan, B.A. (Mount Allison), B.Ed. (Saskatchewan) (Educational Psychology) Red Deer  
 Walter Mihalcheon, B.Ed. (Alberta) (Industrial and Vocational Education) Edmonton  
 Ross Hamilton Millikan, B.Mus., B.Ed. (Melbourne) (Educational Administration) Australia  
 Adell Mona Nyberg, B.Ed. (Alberta) (Secondary Education) Edmonton  
 Cosmas Ikechukwu Okechukwu, B.Sc. (Nigeria) (Industrial and Vocational Education) Nigeria  
 Joseph Donatus Okoh, B.A. (Ibadan), B.Sc. (St. Norbert College), M.A. (De Paul) (Philosophy of Education) Nigeria  
 Claude Martin Oppenheim, B.A., B.Ed. (Witwatersrand) (Educational Administration) Entwistle  
 Thomas Corbett Parker, B.Sc., B.Ed. (Alberta) (Industrial and Vocational Education) Edmonton  
 Michael Firmin Pashelka, B.A. (Saskatchewan) (Educational Psychology) Red Deer  
 Robert McLeod Paton, LL.B. (Saskatchewan), B.Ed. (Alberta) (Educational Administration) Red Deer  
 Richard James Pawliuk, B.Ed. (Alberta) (Educational Administration) Edmonton  
 Leslie James Pearson, B.A. (Saskatchewan), B.Ed. (Regina) (Educational Administration) Saskatchewan  
 David Gary Rea, B.Ed. (Alberta) (Educational Administration) Edmonton  
 Michael John Reikie, B.Sc. (Alberta) (Educational Administration) Brooks  
 Joyce Ellen Rice, B.Ed. (Alberta) (Elementary Education) Australia  
 Eleanor Alene Robertson, B.A., B.Ed. (Mount Allison) (Secondary Education) Nova Scotia  
 Lester David Russell, B.Sc. (Adelaide) (Educational Administration) Australia  
 Dale Carmen Sabean, B.A. (Acadia) (Educational Administration) Nova Scotia  
 John Savage, B.Ed. (Calgary), M.A. (Glasgow) (Educational Administration) Grande Prairie  
 Fred David Schoenrock, B.Ed. (Alberta) (Secondary Education) St. Albert  
 Dennis Brian Sharpe, B.Ed. (Alberta) (Industrial and Vocational Education) Stony Plain  
 Edward Robert Shaw, B.A. (Alberta) (Counselling Psychology) Vulcan  
 Steven James Simpson, B.Sc. (Acadia) (Educational Administration) Nova Scotia  
 Diane Margaret Stammer, B.Ed. (Alberta) (Educational Psychology) Lloydminster  
 Michael Stewart Stammer, B.S. (Southern Connecticut State College) (Educational Psychology) U.S.A.  
 Keith Philip Sterling, B.Ed. (Alberta) (Educational Administration) Wetaskiwin  
 Rynie Stewart, B.Sc. (H.Ec.), B.Ed. (Alberta) (Secondary Education) Edmonton  
 Jacqueline Anne Stinton, B.Sc. (Calgary) (Counselling Psychology) Calgary  
 Kelleen Ann Toohey, B.A. (Alberta) (Anthropology and Intercultural Education) Edmonton  
 Gilles Charles Edward Verret, B.Ed. (Alberta) (Vocational Education) Edmonton  
 Denele Elaine Walsh, B.A. (Fort Wright College of the Holy Names) (School Psychology) Edmonton  
 John Floyd Weitzel, B.Ed. (Alberta) (Educational Administration) Edmonton  
 Carol-Ann Gail White, B.Ed. (Alberta) (Educational Psychology) Edmonton  
 David Thomas White, B.Sc., B.Ed. (St. Mary's) (Educational Administration) Nova Scotia  
 Mary-Jo Williams, B.A. (Alberta) (Educational Administration) Edmonton  
 Edgar Robert Wolf, B.Ed. (Alberta) (Educational Administration) Wetaskiwin  
 Sandra Joanne Wolfe, B.A. (Western Ontario) (Counselling Psychology) Ontario  
 John Massingham Wright, B.A., M.A. (Oxford) (Educational Administration) Castor  
 Tony Lipwing Yee, B.Ed. (Alberta) (Vocational Education) Edmonton  
 Brian Michael Zalewski, B.A., B.Ed. (Prince Edward Island) (Industrial and Vocational Education) Prince Edward Island  
 Barbara Ann Zier, B.Ed. (Alberta) (Educational Administration) St. Albert

### *Admitted to the Degree of Master of Business Administration*

Robert Ernest Armit, B.A. (Alberta) Edmonton  
James Ramsay Buchanan, B.Sc. (Manitoba) Sherwood Park  
Nancy Katherine Clive, B.A.Sc. (Guelph) Edmonton  
George Arthur Crookshank, B.B.A., B.Ed. (Acadia) Calgary  
Thomas Edward Duma, B.Sc. (Alberta) Edmonton  
Eldon James Fillingham, B.Com. (Alberta) Edmonton  
Joan Chapel Heffner, B.A. (California) U.S.A.  
Susan Jane Jollineau, B.B.A. (New Brunswick) Edmonton  
Kenneth Neil Kennedy, B.A. (Alberta) Edmonton  
Arnold Alan Koehn, B.Sc. (Alberta) Sherwood Park  
Russell Stephen Kupin, B.Sc. (Alberta) St. Albert  
Stephen John Lane, B.Sc. (Carleton), M.Eng (McMaster) Sherwood Park  
Arthur Edward Benning Monk, B.Sc., M.Sc. (Manitoba) Edmonton  
Gary Brian Paskuski, B.Sc. (Alberta) Lethbridge  
Peter Lane Retallack, B.A.Sc. (Waterloo) Calgary  
Bruce Edward Roberts, B.A. (Toronto) Edmonton  
David Frederick Thompson, B.Sc. (Alberta) Edmonton  
Peter Albert Eugene Weichler, B.A. (Alberta) Spruce Grove

### *Admitted to the Degree of Master of Engineering*

Murray Alexander Thomas Brown, B.Sc. (Guelph) (Civil Engineering) Edmonton  
Kenneth Richard Cherniawsky, B.S. (Illinois) (Mechanical Engineering) Ardrossan  
Hans Olaf Klohn, B.Sc. (New Brunswick) (Civil Engineering) New Brunswick  
Stewart William Nelson, B.Sc. (Alberta) (Civil Engineering) Edmonton  
James Andrew Richardson, B.Sc. (Queen's) (Civil Engineering) Edmonton  
William Gardner Rogers, B.A.Sc. (Windsor) (Civil Engineering) St. Albert  
Manjeet Saran, B.Sc. (Punjab) (Mechanical Engineering) Edmonton  
Sarwan Singh, B.Sc. (Punjab) (Mechanical Engineering) Edmonton

### *Admitted to the Degree of Master of Health Services Administration*

Brian Andrew Bayda, B.Comm. (Saskatchewan) Saskatchewan  
Paul Frank Schnee, M.D. (Alberta) Wetaskiwin  
Janet Lynn Storch, B.Sc.N. (Alberta) Edmonton

### *Admitted to the Degree of Master of Music*

John Stanley Adrian, B.A. (Toronto) (Music Theory) Ontario  
Peter Anthony Higham, B.A. (Alberta) Edmonton  
Irene Maria Kunda, B.Mus. (Alberta) (Applied Music) Edmonton  
Karl-Heinrich Rose, Certificate (Institute for Church Music, Schlüchtern), Master Course in  
Choral Conducting (Music Academy, Hamburg) (Applied Music) Edmonton

### *Admitted to the Degree of Master of Agriculture*

Kenneth Joseph Lopetinsky, B.Sc. (Alberta) (Soil Science) Barrhead

### *Admitted to the Degree of Doctor of Medicine*

*Candidates presented by Professor L. C. Grisdale,  
Associate Dean of the Faculty of Medicine*

Rashad Francis Dindo, Edmonton

### *Admitted to the Degree of Bachelor of Medical Science*

Diane Elizabeth Shaw, Calgary

### *Admitted to the Degree of Bachelor of Science in Medical Laboratory Science*

Karen Ruth Nelson, Drumheller

*Admitted to the Degree of Bachelor of Arts with Honors*

*Candidates presented by Professor R. G. Baldwin,  
Dean of the Faculty of Arts*

Kenneth James McFarlane, Medicine Hat  
(honors in Political Science)

*Admitted to the Degree of Bachelor of Arts (Special)*

*With Distinction*

Carrie May Kostash, Edmonton  
Rommen Michaelo Semeniuik, Vegreville

Marilyn Mae Anstey, Montreal	Taras Markian Ilkiw, Edmonton
Wallace Edward Baer, Sherwood Park	John Stephen Kenney, Edmonton
Wanda Elizabeth Banas, Edmonton	Caron Lynne Letersky, Edmonton
Geoffrey David Stewart Bate, Edmonton	Orrin George Lyseng, Edmonton
Donald Joseph Bégin, Edmonton	Sibeal Mary McCourt, Edmonton
Beth Anne Binns, United States	Barbara Lynne Michael, Devon
Margaret Ellen Broderick, Edmonton	Ira Murowany, Edmonton
Billie Duane Dawe, Edmonton	Ronald Cyril Pyrch, Edmonton
Mario Anthony Demarco, Edmonton	Bozena Bronislaw (Czerniecki) Reid, Edmonton
Ingrid Joyce Fish, Medicine Hat	Michael Arthur Sandford, Edmonton
David Eric Geddes, Edmonton	Dale Edward Silver, Edmonton
Virginia Gay Glover, Calgary	David John Sissons, Medicine Hat
Kathleen Ann Graeter, United States	Gordon Bruce Turtle, Edmonton
Laura Anne Haley, Edmonton	Lynn Ann Walbaum, Edmonton
Deborah Gale Hunter, Edmonton	

*Admitted to the Degree of Bachelor of Arts*

*With Distinction*

Peter Banks, Edmonton  
Maureen Elizabeth Fryett, Edmonton  
Kim Marla Girtel, Edmonton  
Marilyn Gail Grant, Calgary  
Rita Jandrey, Edmonton  
Christine Louise Kulyk, Edmonton  
Allison Christine MacIver, Edmonton  
Douglas Scovil Murray, Calgary  
Heather Susan Neill, Edmonton  
Peter Gerhardt Splinter, Edmonton  
Deborah Lynn Swanson, Edmonton  
Lola Tostevin, Edmonton  
Kathleen Ethel Toth, Edmonton

John Adeyinka, Nigeria	Ian Charles Cochrane, Edmonton
Syeda Mahmuda Ali, Edmonton	Susan Jane Corby, Edmonton
Bruce Kenneth Bailey, Edmonton	William Everett Costello, Calgary
John Stuart Barry, Edmonton	Michael Larry Courtney, Lacombe
Richard Alan Beeken, Edmonton	Sandra Ann Davis, Edmonton
Darrell Peter Beitz, Edmonton	Ramona Deer, Edmonton
Carla Bit, Edmonton	Raymond Deslauriers, Edmonton
Walter Paul Boehm, Edmonton	Margaret Janet Eldridge, Edmonton
Erminia Bossio, Edmonton	Neli Farolan, Edmonton
Allan Keith Bothwell, Edmonton	Carolyn Pearl Fedorkiw, Edmonton
William Edward Bowes, Edmonton	Susan Judith Gamache, Edmonton
Joan Grace Gwendolyn Boyko, Grande Cache	Virginia Gay Glover, Calgary
Theresa Maria Braams, Edmonton	On King Alva Ha, Hong Kong
Irene Jane Brekke, Yukon Territory	Desmond Thomas Harte, Edmonton
Roberta Jean Brosseau, Sherwood Park	Dale Gene Haynes, Camrose
Martha Jean Burns, Manitoba	Alan Bernard Hudema, Edmonton
Nora Burstyn, Edmonton	Vivianne Sau Fan Hui, Ontario
Elise Yessy Byl, Edmonton	Miles John Hunt, Edmonton
James Allison Carter Jr., Edmonton	Man-Choi Joyce Ip, Hong Kong
Margaret Louise Chapelsky, Edmonton	Gordon Blaine Jasonson, Sylvan Lake
Susanna Yuet-Seung Chow, Hong Kong	Sue Anne Johnston, Edmonton
John Joseph Cloarec, Edmonton	Dorothea Eva Jones, Edmonton

Priscilla Elizabeth Susan Joan Kennedy,  
Edmonton  
Margaret Elizabeth Kerr, Edmonton  
Conrad Robert Kirchner, Edmonton  
Mary Elizabeth Kroshus, Saskatchewan  
Quinn Michael Kuefler, Lacombe  
Helen Florence Lagace, Ontario  
Michèle Elvine Lamoureux, Fort  
Saskatchewan  
Samuel Dennis Laschuk, Edmonton  
John Kwok Lau Lee, Hong Kong  
Walter Francis Long, Edmonton  
Laura Leone Loveridge, Edmonton  
Karen Gail Lysiak, Valleyview  
Sheila Bernice MacArthur, Edmonton  
Linda McMann, Edmonton  
Maxine Joyce McMurchy, Grande Prairie  
Katherine Lee Merkel, Edmonton  
Gaybrielle Linda Morison, Calgary  
Theodore Peter Nieuwendyk, Edmonton  
Patricia Joan Nosko, Edmonton  
Lisa Kirsten Olsen, Edmonton  
Olafur Brad Olsen, Edmonton  
Gregory James Payce, Edmonton  
Myrtle Catherine Peers, Edmonton  
Gerhard Klaus Friedrich Pirk, Edmonton  
Andre Henri Plante, St. Paul  
Kathryn Mary Power, Edmonton

Susan Elizabeth Power, Edmonton  
Henry Leo Rakowski, Edmonton  
Ian McDougall Rowe, Drumheller  
Linda May Piunisabatini, Edmonton  
Cynthia Mae Schultz, Saskatchewan  
Judy Christine Shaw, Calgary  
Marvin Lawrence Sheets, Barrhead  
Sharon Jo-Ann Shiniman, Edmonton  
Ronnie Tak-Fong Shum, Hong Kong  
Robert Wayne Singleton, Edmonton  
Cornelis Stam, St. Albert  
Catherine Helen Strashok, Edmonton  
Ardis Ardean Suek, Grande Prairie  
Kenneth Bryn Thomson, Edmonton  
Juliana Alexandra Tokarsky, Athabasca  
Harvey Dennis Uganez, Edmonton  
Ben William Van de Walle, Legal  
Sherry Lynn Wales, Edmonton  
Kenneth Robert Waring, Edmonton  
Lynda Rose Webster, Edmonton  
Lucy Kwai-Ling Wong, Hong Kong  
Veronica So Lin Wong, Calgary  
Wai-Nap Willip Wong, Hong Kong  
John Roderick Wood, Edmonton  
Katherine Anne Yahn (Woodward),  
Edmonton  
William David Yusep, Edmonton  
Eve Katherine Zoltai, Edmonton

*Admitted to the Degree of Bachelor of Arts in Canadian Studies*

Jan Kristian Grude, Winterburn

Kathleen Holly Mish, St. Albert

*Admitted to the Degree of Bachelor of Music*

*With Distinction*

Randall Scott Bain, Edmonton

Janet Edna Nichol, Edmonton

Gerald Stephen Onciul, Edmonton

*Admitted to the Degree of Bachelor of Fine Arts*

Sheena Merret Gourlay, Lethbridge  
Lyle Steve Lis, Edmonton

Thomas Earl McFall, Edmonton  
Winnifred Laura Watt, Edmonton

*Admitted to the Degree of Bachelor of Science with Honors*

*Candidates presented by Professor K. B. Newbound,  
Dean of the Faculty of Science*

Brad Kirby Bendiak, Edmonton  
(first class honors in Zoology)  
William Arnold Brebber, Edmonton  
(first class honors in Zoology)  
Rodney Allan Couzens, Edmonton  
(honors in Physics)  
Mark Joseph Hensel, Lethbridge  
(honors in Chemistry)  
Jeffery Grant Kneteman, Edson  
(honors in Zoology)  
Joanne Elizabeth Royer, Edmonton  
(first class honors in Computing Science)  
James David Stelfox, Edmonton  
(first class honors in Zoology)  
Simon Sui Yuen Yeung, Edmonton  
(first class honors in Microbiology)

## *Admitted to the Degree of Bachelor of Science with Specialization*

### *With Distinction*

Irene Dale Darius, Edmonton  
(B.Sc. in Mathematics)  
Mark Emil Ehrman, Edmonton  
(B.Sc. in Microbiology)  
Jozsef John Racz, Edmonton  
(B.Sc. in Psychology)  
Glenis Lenore Benson, Edmonton  
(B.Sc. in Psychology)  
Wayne Christopher Brasseur, Edmonton  
(B.Sc. in Zoology)  
Mark Thomas Cerny, Edmonton  
(B.Sc. in Mathematics)  
Earl Alexander Culham, Edmonton  
(B.Sc. in Computing Science)  
Nancy Jo Ehrman, Edmonton  
(B.Sc. in Microbiology)  
Daniel Tai-Lun Hui, Hong Kong  
(B.Sc. in Zoology)  
Dagmar Kolodej, Edmonton  
(B.Sc. in Zoology)  
Ronald Allan Koss, Edmonton  
(B.Sc. in Zoology)  
Ursula Mailandt, Calgary  
(B.Sc. in Microbiology)  
Donald Denton Palmer, Edmonton  
(B.Sc. in Mathematics)  
Alwyn Charles Richards, Edmonton  
(B.Sc. in Zoology)  
Thomas Anthony Speakman, Edmonton  
(B.Sc. in Computing Science)  
Antoine Philippe Verheijen, Edmonton  
(B.Sc. in Computing Science)  
Heather Elizabeth Wilson, Calgary  
(B.Sc. in Microbiology)  
Douglas Frank Wine, Calgary  
(B.Sc. in Geology)  
Sai Ying Joseph Wong, Hong Kong  
(B.Sc. in Computing Science)

## *Admitted to the Degree of Bachelor of Science*

### *With Distinction*

David Walter Andreiuk, Rycroft  
Enrico Joachim Azarko, Edmonton  
David George Bondar, Edmonton  
Joseph Marc Dupuis, Edmonton  
John Howard Killick, Edmonton  
David Brian Maskell, Edmonton  
Allan Dale McIntosh, Edmonton  
Patricia Anne Rollans, Edmonton  
Alison Lisa Schneeberger, Calgary  
Elizabeth Louise Steinhauer, Edmonton  
Waldemar Gordon Wesner, Edmonton  
Patricia Wirsching, Edmonton

Robert Gordon Anslow, Sherwood Park  
Keith Lewis Armstrong, Edmonton  
Wai Yin Bernice Au, Hong Kong  
Peter John Bartkus, Edmonton  
Mary Louise Berry, Medicine Hat  
Douglas Stephen Bosko, Edmonton  
Gerald Patrick Brown, Edmonton  
Brian Yiu Ming Butt, Hong Kong  
Caleen Elaine Carawan, Edmonton

Norman Kin-Kong Chan, Hong Kong  
Dwight Elvin Hans Christenson,  
Edmonton  
James Charles Connolly, Edmonton  
Randy Lane Coombes, Edmonton  
James Owen Cornish, Edmonton  
Elizabeth Ann Crawford, Edmonton  
Sandra Dorothy Deborah De Souza,  
Edmonton

William Donald Dewar, Edmonton  
 Benjamin Allan Eastwood, Edmonton  
 Thomas Frank Evans, Edmonton  
 Greg John Frobbs, St. Paul  
 Bernice Gertrude Gee, Ontario  
 Douglas Lyn Haberstock, Edmonton  
 David James Hamilton, Barrhead  
 Orin Leonard Harker, Edmonton  
 David Bo Crung Ho, Edmonton  
 Dietmar Josef Huf, Edson  
 Grant Richard Hurlburt, Edmonton  
 Edwin Omotuenmhen Iyore, Edmonton  
 Robert Martin Clark Jones, Edmonton  
 Elaine Cecile Karesa, Edmonton  
 Jessie Huy You Lam, Hong Kong  
 Paul Sau Wah Lam, Hong Kong  
 Donald Gordon Lesniak, Edmonton  
 Chee Wai Lo, Hong Kong  
 Connie Suk-Han Mak, Hong Kong  
 Anne Louise McCaskill, Edmonton  
 Edmond Brent Anthony McDonough,  
 Edmonton  
 Harry Herbert Mockford, Northwest  
 Territories  
 Yasmin Moledina, Edmonton  
 Karen Elizabeth Morison, British  
 Columbia  
 Richard Walker Mundy, Calgary  
 Dennis Patrick Myers, Sherwood Park  
 Carol Sandra Nahorniak, Myrnam  
 Yoga Naidu, Edmonton

David Daniel Odegard, Edmonton  
 Sui Tung David Poon, Hong Kong  
 Gordon Raymond Powell, Edmonton  
 Nav Pritham Singh Rattan, Red Deer  
 Peggy Ann Rolf, Edmonton  
 Robert William Rosine, Calgary  
 Allan Gilbert Roth, Camrose  
 Thomas Lee Sand, Edmonton  
 Robyn Jocelyn Schuh, Edmonton  
 Lawrence Clayton Seve, Edmonton  
 Curtis John Shell, St. Albert  
 Peter Sun-Ching Shiu, Edmonton  
 Diane Elaine Shudra, Lacombe  
 Brian James Sinfield, Edmonton  
 Ian Mitchell Smith, Edmonton  
 Brian Eric Spackman, Cardston  
 Edward James Spark, Calgary  
 Robert Dale Strashok, Fort Saskatchewan  
 Roman Andrew Sus, Edmonton  
 James Barrie Swan, Edmonton  
 Michael Thomas Taciuk, Edmonton  
 Sharmaine Miu-Ling Tam, Hong Kong  
 Kenny King-Hung Tang, Hong Kong  
 Benjamin Pak Lam Tsui, Hong Kong  
 Valerie Ann Valastin, Edmonton  
 David Foster Varty, Edmonton  
 Wesley Duane Williamson, Ponoka  
 Lily Lee Lee Wong, Edmonton  
 Eddy Kwong-Chiu Yan, Edmonton  
 James David Yule, Edmonton

### *Admitted to the Degree of Bachelor of Science in Chemical Engineering*

*Candidates presented by Professor P. E. Adams,  
 Dean of the Faculty of Engineering*

Boston Mark Lee Wing, Edmonton

Nawa Linus Mulele, Zambia

### *Admitted to the Degree of Bachelor of Science in Civil Engineering*

Colin David Anderson, Edmonton  
 Chun Yin Foo, Edmonton  
 Peter Kwong Chiu Ho, British Columbia  
 Alexius Benedict Rosewell Kasalu, Zambia

Ezeldin Farid Kassem, Ontario  
 Said Zaky Morad, Edmonton  
 Albert James Regier, Edmonton  
 Yok Seng Wong, Malaysia

### *Admitted to the Degree of Bachelor of Science in Electrical Engineering*

Kevin John Douglas Berg, Edmonton  
 Terence Luke Hahn, Hines Creek  
 Gary Osamu Kaga, Taber

George Merkl, Taber  
 Ralph Thomas Molyneaux, Ponoka

### *Admitted to the Degree of Bachelor of Science in Mechanical Engineering*

Larry James Knutson, Wemby  
 Michael Albert Kotyk, Calgary

Hans Jurgen Sturm, Edmonton

### *Admitted to the degree of Bachelor of Science in Metallurgical Engineering*

Roy Brontier Baguley, Edmonton

### *Admitted to the Degree of Bachelor of Science in Agriculture*

*Candidates presented by Professor J. B. Bowland,  
Dean of the Faculty of Agriculture and Forestry*

#### *With Distinction*

Leonard John Zoeteman, Fort Macleod

Bruce John Armon, Edmonton

Roger Cornelis de Winter, Edmonton

Grant Stephen Ferbey, Bonnyville

Constance Margaret Henning, Beiseker

William George Hole, St. Albert

Robert Alan Marchak, Edmonton

### *Admitted to the Degree of Bachelor of Science in Forestry*

Jeffrey Alan Burrows, Edmonton

Brian Robert Davies, Grande Prairie

Kawina Bernard Kawina, Zambia

Howard Gordon Pratley, Edmonton

### *Admitted to the Degree of Bachelor of Education*

*Candidates presented by Professor W. H. Worth,  
Dean of the Faculty of Education*

#### *With Distinction*

Karen Charlotte Anderson, Edmonton

Martin Maurice Baert, Clyde

John Martin Bauman, St. Albert

Gilles Paul Bechard, Sherwood Park

Pierre Richard Carrier, Quebec

Wendy Patricia Cawson, Edmonton

Elizabeth Marguerita da Cruz, Edmonton

Mary Christine Dicker, British Columbia

Barbara Jean Dingle, Calgary

Frances Joan Fine, Edmonton

Laurel Mary Kathleen Fritz, Edmonton

Audrey May Gibson, St. Albert

Faye Elizabeth Hallett, Carstairs

Dorothy Margit Harder, Edmonton

Bonnie Hildebrandt, Edmonton

Frances Jacqueline Jazrawy, Calgary

Linda Rosalie Kastelic, Sangudo

Anne Marie Kilgannon, Edmonton

Sharon Ann Kryvenchuk, High Prairie

Lionel Larry Kyle, Grande Prairie

Donna-Lee Lawton, Tawatinaw

David James Lemire, Fort Macleod

Wally Linnemann, Sherwood Park

Kenneth Douglas George Lypkie, Edmonton

Yvon Joseph Mahe, St. Lina

Patricia Helen Major, Calgary

Douglas George Mason, British Columbia

Marjorie Eileen Mather, Sherwood Park

Paula Joan Mattson, Leduc

Karl Heinz Julius Mueller, Edmonton

Margaret Jean Nichols, Devon

Marilyn Lucille Reynolds, Stony Plain

Ruth Lorraine Rowell, Edmonton

Vivienne Anne Ruff, Grande Prairie

Rosie Mary Ryl, Boyle

Elaine Dianne Soetaert, St. Albert

Joan Leslie Souster, Sherwood Park

Susan Marjorie Stampe, Edmonton

Shirley Ann Stephenson, Winterburn

Wendy Roberta Stevens, Edmonton

Jean Arlene Triscott, Edmonton

Jacqueline Mae Underhill, Edmonton

Raffaella Hope Vickerson, Edmonton

Bonny Joan Watkins, Edmonton

Mary Zolner, Edmonton

Karol Walter Adamowicz, Edmonton  
 Patricia Lee Adams, Red Deer  
 Lori Dale Adamson, Edmonton  
 Carl Richard Akitt, St. Albert  
 Anita Veronica Aldie, Edmonton  
 Patricia Louise Alexander, Edmonton  
 James Taylor Allan, Tofield  
 Randall Charles Allen, Edmonton  
 Ashley Norman Noel Allin, Edmonton  
 Andree Mary Almeida, Edmonton  
 Rose Mary Anderson, Rimbey  
 Yvonne Andre, Edmonton  
 Evelyn Elsie Arndt, Westlock  
 Edward Wayne Arnold, Paradise Valley  
 Donna Marie Reiferson Arseniuk, Edmonton  
 John Leonard Aubin, Grand Centre  
 Gerard Alexander Baas, Edson  
 David Armstrong Babcock, Paradise Valley  
 Sandra Mae Babcock, Paradise Valley  
 Marcella Jean Bacso, Manning  
 Barbara Jean Baker, Fort Saskatchewan  
 Anne Linda Balzer, Barrhead  
 Claire Denise Baril, Edmonton  
 Lucie Cecilia Baril, Edmonton  
 Carolyn June Barr, Edmonton  
 Shelley June Bean, Edmonton  
 Maurice Gregory Beaudry, Lac La Biche  
 Patricia Marguerite Bedard, Edmonton  
 David Dwayne Bedry, Leduc  
 John Arthur Begoray, Athabasca  
 Gerald Joseph Behm, Edmonton  
 June Marie Beisiegel, Edmonton  
 Suzanne Simonne Belanger, Slave Lake  
 Graham Stuart Bell, Edmonton  
 Lucie Irene Bell, Edmonton  
 Kathryn Leslie Berg, Ardrossan  
 Gloria Leslie Bergman, Erskine  
 Sharron Ann Berry, Edmonton  
 Louise Gertrude Berube, Beaumont  
 Vivian Ruth Beuerlein, Leduc  
 Richard Wayne Bilak, Edmonton  
 Francis Xavier Bischoff, Sherwood Park  
 Gregory Bischoff, Sherwood Park  
 Laurier Lucien Bisson, Beaumont  
 Irene Mildred Bocek, Edson  
 Sandra Lynn Bodnar, British Columbia  
 Joan Marie Bohachuk, Mannville  
 James Richard Bondarenko, Edmonton  
 Edna Mary Bonertz, Pincher Creek  
 Sylvianne Josephine Borle, Grande Prairie  
 Brian Sidney Borley, Lac La Biche  
 Cecile Marie Bosch, St. Albert  
 Yves Louis Bourassa, Quebec  
 Brian Richard Bowden, Edmonton  
 Ingrid Alla Bredenfeld, Edmonton  
 Judy Marie Brewster, Grande Prairie  
 Gracia Marie-Laure Brinkman,  
 Sherwood Park  
 Kim Marie Browning, Northwest  
 Territories  
 Leslie William Bryant, Duffield  
 Harry Clinton Budd, Edmonton  
 Irene Elizabeth Burback, High Prairie  
 Monica Burghoff, Edmonton  
 Sharon Joyce Burns, Edmonton  
 Christina Burroughs, Eaglesham  
 Audrey Marie Burton, Wetaskiwin

Linda Leah Bykowski, Edmonton  
 Dolores Marie-France Cadrin, Edmonton  
 Johanne Louise Cairo, Edmonton  
 Douglas Kerry Cameron, Sherwood Park  
 Stephen Sidney Carlyle, Edmonton  
 Gwendolyn Ruth Chambers, Fort Macleod  
 Alan Brian Chant, Olds  
 Christine Holly Chemerinski, High Prairie  
 Joanne Connie Chemilnisky, Edmonton  
 Ping-On Cheng, British Columbia  
 Maureen Anne Cheram, Sedgewick  
 Peter Andrew Chimich, Edmonton  
 Sylvia Eldora Christenson, Redwater  
 Robert Gary Chudyk, Edmonton  
 Jeanne Elizabeth Chykalsky, Grande Prairie  
 Brenda Lynne Clark, Red Deer  
 Linda Joan Clark, Edmonton  
 Teresa Close, Edmonton  
 Joseph George Colistro, Edmonton  
 John Philip Compston, Edmonton  
 Beverly Ann Convey, Vermilion  
 Raymond Elphege Courchesne, Edmonton  
 Lois Charmaine Cramton, Barrhead  
 Michael Jonathan Chrawshaw, Edmonton  
 Marlene Judith Kelly Crebas, Edmonton  
 William Glen Crockett, Mayerthorpe  
 Margaret Elaine Cross, Edmonton  
 Vincent McDickens Cummings, Edmonton  
 Jean Florence Daly, Ontario  
 Lydia Joan Darichuk, Smoky Lake  
 Carolyn Anne Darrah, Edmonton  
 Pamela Jean Davies, Edmonton  
 Roger John Davies, St. Albert  
 Susan Elizabeth De La Salle, Edmonton  
 Georgina Irene De Meyer, Edmonton  
 Birinder Parkash Kaur Dhaliwal, Edmonton  
 Michael Paul Diachuk, Lac La Biche  
 Donald John Dickson, Edmonton  
 Jane Ann Marie Dimitroff, Sherwood Park  
 Joan Margaret Dixon, Bon Accord  
 Claramae Lois Dodds, Edmonton  
 Judith Lesley Anne Doran, High Prairie  
 Brian Wilseviech Douglas, Edmonton  
 Alicia Dichupa Dowdell, Edmonton  
 Charles Laurier Doyle, Donnelly  
 Lucille Hazel Driver, Hines Creek  
 Anita Drizulis, British Columbia  
 Mary Eugenia Duchscherer, Edmonton  
 David Cameron Duncan, Edmonton  
 Rita Diane Dunn, Edmonton  
 Evelyn Veronica Dunnigan, Edmonton  
 Emily Jean Dytiuk, Edmonton  
 Heather Lynn Earle, Vermilion  
 Cynthia Joyce Edwards, Vegreville  
 Kenneth Earl Edwards, Sylvan Lake  
 Annette Marie Eilbeck, British Columbia  
 Brian Russell Elgie, Minburn  
 Norman Bryan Elicksen, Edmonton  
 Yvonne Joan Emmott, Vermilion  
 June Eng, Calgary  
 Robert Shelton Erichsen, Saskatchewan  
 Dale Elizabeth Evans-O'Hagan, Edmonton  
 David Stuart Evans, Edmonton  
 Philip Rodney Evans, Grande Cache  
 Shirley Isabel Evans, High Prairie  
 Shirley Agnes Ewanchuk, Two Hills  
 Catherine Elizabeth Faber, Saskatchewan

Jane Ann Fahner, Edmonton  
 Janet Fairweather, Edmonton  
 Sherrill Anne Fedor, Camrose  
 Mona-Lee Marie Feehan, Edmonton  
 Cheryl Rose Felt, Vermilion  
 Robert William Ferguson, Edmonton  
 Hryhorij Fil', Smoky Lake  
 Dianne Marie Fillman, Fort Saskatchewan  
 Dennis Brian Firth, Edmonton  
 Shelley Anne Fisher, British Columbia  
 Ronald Bruce Fleming, Edmonton  
 Marie Berthe Fontaine, Winterburn  
 Morie Ellen Ford, Edmonton  
 Frances Patricia Forsyth, Sherwood Park  
 Marilyn Gladys Fossum, Stony Plain  
 Lea Helene Frankovitch, St. Paul  
 Dennis Joseph Franz, Saskatchewan  
 Eric Duncan Fraser, Fairview  
 Gordon Brent Fraser, Edmonton  
 Raymond Alan Friedman, Edmonton  
 Sandra June Fuerst, Bashaw  
 Melanie Joy Funk, Edmonton  
 Susan Carol Gagnon, Falher  
 Annabelle Mary Gahr, Viking  
 Ingrid Fecz Galellis, Edmonton  
 Marilyn Loretta Ganger, Saskatchewan  
 Elizabeth Gardner, Nampa  
 Robert Henry Gerhart, Edmonton  
 Robyn Eleanor George, Edmonton  
 Barbara Jo Gerolamy, Dewberry  
 Bernard Edward Giacobbo, Lac La Biche  
 Celestine Gilday, Northwest Territories  
 Ellen Doris Giourmetakis, Edmonton  
 Wendy Irene Glimm, Edmonton  
 Marie Louise Godel, British Columbia  
 Irene Elizabeth Goebel, Spruce Grove  
 Wayne Hilliard Gordon, St. Paul  
 Lai Fern Gore, Fort Macleod  
 Sandra Louise Gosselin, Edmonton  
 Angela Grande, Edmonton  
 Michel Robert Jacques Granger, Edmonton  
 Stacy Kent Grant, Edmonton  
 Maxine Anne Graydon, Lacombe  
 Mary Leone Green, Edmonton  
 Linda June Grykuliak, Vegreville  
 Janice Evelyn Haak, Edmonton  
 Marie Anne Hanlan, Sherwood Park  
 Mary Claire Hardy, Viking  
 Marilyn Alice Harker, Calgary  
 Margaret Ann Harris, Gunn  
 Darla Jean Harrison, Edmonton  
 Donna Bernice Harvey, Pine Point  
 Philip Haswell, Edmonton  
 Dallas Lloyd Hauge, Edmonton  
 Roseanne Mary Heidemann, St. Albert  
 Marlene Anne Henderson, Edmonton  
 MaryAnne Hennig, Edmonton  
 Celia Jean Herodek, Edmonton  
 Muriel Edna Hill, Viking  
 Marie Celine Hines, Edmonton  
 Louise Marie Hirt, St. Albert  
 Lurline Ruth Hobbis, Vermilion  
 Margaret Gillian Hodgson, Edmonton  
 Marilyn Annette Hodysh, Edmonton  
 June Ann Hohenadel, Edmonton  
 Carlton Hollingsworth, Jamaica  
 Elaine Theresa Holm, St. Albert  
 Sherry Maureen Holmes, Edmonton  
 Dale Clinton Howard, Camrose  
 Lawrence William Hrycan, Edmonton  
 Miriam Janet Huculak, Andrew  
 Anne Elizabeth Hudson, Edmonton  
 Deborah Joan Hunchak, Edmonton  
 Gerald William Hunt, Edmonton  
 Robert Lyle Innes, Edmonton  
 Menrol Valentine Irwin, Jamaica  
 Wendy Anne Jensen, Valleyview  
 Angela Doreen Jeske, Red Deer  
 Beverly Rose Jessop, Lethbridge  
 Lynne Marie Johnson, Edmonton  
 Walter Lage Johnson, Spruce Grove  
 Larry Bruce Johnston, Red Deer  
 Janice Lee Jones, Sherwood Park  
 Vivianne Giselle Kachurowski, Edmonton  
 Gerald Kenneth Kaluzniak, Edmonton  
 Gloria Jean Kamitomo, Raymond  
 Susanne Kardash, Grand Centre  
 Olga Karlson, Deadwood  
 Najma Shamshudin Kassim-Lakha, British Columbia  
 Paulette Lynn Kavulok, Athabasca  
 Marcia Louise Kay, Edmonton  
 Basil Dick Kazakos, Edmonton  
 Carol Catherine Keay, High Prairie  
 Bryan Kurt Keith, Rochester  
 Genevieve Rise Kelemen, Edmonton  
 Pearl Beverly Kelemen, Manning  
 Debra Maligne Kelley, Ardrossan  
 Ronald William Kenworthy, Fort Vermilion  
 Leslie Reginald Kiffiak, Edmonton  
 Martha Elizabeth Kimmerly, Edmonton  
 Ollie Marie Kingston, Edmonton  
 Garry Dwayne Kissel, Glendon  
 Larry Andrew Kjearsgaard, Consort  
 Lynn Kleparchuk, Edmonton  
 Lianne Marie Knechtel, Aldergrove  
 Randi Gail Knight, Edmonton  
 Ramona Audrey Knudslie, Ryley  
 Loretta Mary Kohlman, Red Deer  
 Dwayne Wally Konduc, Edmonton  
 Delores Irene Korpesho, Spruce Grove  
 Barbara Wanda Koscielak, Edmonton  
 Rosemarie Helen May Koshman, Edmonton  
 Karen Elaine Kotyshyn, Ponoka  
 Martha Olya Kukurba, Edmonton  
 Sunita Kumar, Edmonton  
 Lorraine Dale Kushniruk, Edmonton  
 Sharon Christina Kville, Metiskow  
 Cynthia Audrey Kwasek, Edmonton  
 Rene Paul Lafrance, St. Paul  
 Mary Diane Lamothe, Edmonton  
 Claudette Marie Langevin, Edmonton  
 Robert Charles Langevin, St. Albert  
 Kathleen Anna Langhans, Edmonton  
 Serge Antoine Larochelle, St. Paul  
 Rosemarie Irene Laslop, Edmonton  
 Victor Aime Lavallee, Saskatchewan  
 Brenda Joyce Ledene, Edberg  
 Sonja Minnie Margaret Leiler, Wembley  
 Lacia Marie Leskiw, Spedden  
 Eva-Jane Lindenberg, British Columbia  
 Adrian Alan Loades, Spruce Grove  
 Brigitta Lodwig, Sherwood Park

Barry James Loe, Westeros  
 Eileen Mae Loeffler, Sherwood Park  
 Mary Catherine Lonfat-Sutherland, Calgary  
 Eileen Audrey Luck, Edmonton  
 Linda Dianne Lukey, Saskatchewan  
 Barry Benjamin Lyall, Edmonton  
 Harry MacKenrick, Edmonton  
 Susan Therese Mackey, Leduc  
 James William Maher, Edmonton  
 Catherine Dee Maland, Devon  
 Patrick Neil Malcolmson, Edmonton  
 Krystina Barbara Malinowski, Edmonton  
 Geoffrey Bruce Manning, Edmonton  
 Beryl Mark, Edmonton  
 Gregory Dale Martineau, Edmonton  
 Laura Elizabeth Mason, Wetaskiwin  
 Lynne Wilhelmine McBeath, Lacombe  
 Helen Matilda McCaughan, Islay  
 Brian William McClelland, Lacombe  
 Kathleen Louise McColl, Edmonton  
 Arthur John McDermand, Alix  
 Lorraine Dianne McDonald, Red Deer  
 Astrid McEachern, Edmonton  
 Phyllis McGee, Edmonton  
 Lorna Mary McLroy, Clairmont  
 Stephen Brian McKnight, Halkirk  
 Therese Bernadette McLaughlin, Edmonton  
 Dianne Patricia McMahon, Calgary  
 Edward Albert Meding, Killam  
 Consorcio Leonardo Mendoza, Fox Creek  
 Leonora Lorraine Metcalfe, Fort  
 McMurray  
 Sister Paula Theresa Meyer, Edmonton  
 Edith Grace Midbo, Daysland  
 Patricia Mielnichuk, Edmonton  
 Carolyne Ruth Miller, Edmonton  
 Frederick David Anton Miller, Spruce  
 Grove  
 James Scott Miller, Edmonton  
 Kathleen Mary Miner, Edmonton  
 Mauyra Bernadette Miska, Spruce Grove  
 Neil Thomas Moher, Edmonton  
 Patricia Ann Molyneaux, Grande Prairie  
 Brenda Joyce Moore, Red Earth Creek  
 Margaret Danielle Moore, Red Deer  
 Sophocles Michael Mourides, Edmonton  
 Lucille Violet Mueller, Medicine Hat  
 Susan Ruth Muller, Edmonton  
 Keith Blaine Murphy, Edmonton  
 Mary Ellen Murphy, Calmar  
 Heather Lorraine Murray, Rocky  
 Mountain House  
 Arthur David Muz, Edmonton  
 Brenda Charlene Muzyka, Edmonton  
 Dianne Louise Nakaska, Edmonton  
 Sharon Ann Nasruddin, Edmonton  
 Betty Nelson, New Norway  
 John James Nelson, Edmonton  
 Karen Anne Neufeld, Ontario  
 Robert Gerald Newnes, Edmonton  
 Inez Adelle Niles, Rimbey  
 Peggy Lynne Nimchuk, Edmonton  
 Ita Josephine Nolan, Edmonton  
 Lyla Jane Norenberg, Sherwood Park  
 Eleanor Patricia Norris, Edmonton  
 Gladys Marilyn North, Calgary  
 Georgette Gertrude Nowicki, Lac La Biche

Victoria Odynski, Edmonton  
 James Robert Ofrim, Camrose  
 Francis Kenneth Omoe, Edmonton  
 Glen Eugene Burgess O'Neil, Edmonton  
 Margaret Lillian Osborn, Edson  
 Brenda Marie Anne Oudel, Edmonton  
 Elizabeth Ann Pabst, Edmonton  
 George John Paleniuk, Edmonton  
 Lawrence Franklyn Paniec, Pincher Creek  
 Diane Cordelia Paradis, Edmonton  
 Dianne Jeanne Marie Parenteau, Bonnyville  
 Sylvia Ann Parson, Edmonton  
 Susie Patan, Edmonton  
 Donna Marlaire Pavan, Lethbridge  
 Dianne Joan Pearce, British Columbia  
 David William Peat, Edmonton  
 Colette Marie Pelchat, Bonnyville  
 Allen Albert Perrott, Edmonton  
 Glenys Opal Perry, Edmonton  
 Rayma Kempinsky Peterson, Edmonton  
 Caroline Jeanette Petrie, Lindale  
 Kathryn Leslie Petrovitch, Brooks  
 Marry Anne Phillips, Saskatchewan  
 Sheila Maryse Piche, Cold Lake  
 Sandra Lynn Edge Pierzchajlo, Edmonton  
 Gaelynd Pilling, Magrath  
 Paul Edouard Pomerleau, St. Paul  
 Jean Evelyn Popel, Grande Prairie  
 Lena Porisky, Edmonton  
 John David Powell, Edmonton  
 Richard Denis Primeau, Edmonton  
 Cherle Maureen Primrose, Rumsey  
 Lillian Carolyn Proctor, Edmonton  
 Mira Emelia Quesnel, Red Deer  
 Victoria Arlene Radke, Bashaw  
 David Marvin Ragosin, Edmonton  
 Olga Tekla Rapczewski, Wetaskiwin  
 Douglas Sydney Rebne, Lacombe  
 Alexis Dianna Marie Reiter, Sherwood  
 Park  
 Enid Maria Repp, Swan Hills  
 Linda Noreen Riddell, Edmonton  
 Oscar Sinclair Riley, Edmonton  
 Therese Cecile Riopel, Morinville  
 Randy Lloyd Ritz, Edmonton  
 Margaret Urseline Roberts, Sherwood Park  
 Marvyn Roy Rogers, Athabasca  
 Robin Arthur Roland, Minburn  
 Lillianne Romanuk, St. Albert  
 Lillian Ross, Drayton Valley  
 Carol Elizabeth Roth, Sherwood Park  
 Randal Albert Roth, Heisler  
 Lynda Joy Rowbottom, Edmonton  
 Wolfgang Johannes Ruff, Grande Prairie  
 Gigliola Paula Russo, Edmonton  
 Nancy Katherine Ryall, Wainwright  
 Elaine Gaye Sailer, Fort Saskatchewan  
 Catherine Anne Salmon, British Columbia  
 Linda Edith Sartore, Edmonton  
 Phyllis Colleen Schayes, Edmonton  
 Marion Jeanette Schoettler, Grande Prairie  
 Roxanne Lee Schrader, Rimbey  
 Karin Traudt Schubert, Calgary  
 Gwen Kathleen Schultz, Bruderheim  
 Catharine Isabel Seaton, Edmonton  
 Alice Catherine Service, Mayerthorpe  
 Terrance Ronald Sharon, Innisfree

Miriam Jean Sherman, Edmonton  
 Catherine Anne Shirlaw, Edmonton  
 Judith Elaine Shirley, Sangudo  
 Betty Jane Shulba, Mundare  
 Nettie Sikorski, Edmonton  
 Grant Norman Sikstrom, Barrhead  
 Murray Randall Sillito, St. Albert  
 Theresa Ursula Skrobot, Edmonton  
 Chedwick Simmons, Edmonton  
 Martha Frieda Slopianka, High River  
 Carolyn Louise Smith, Delburne  
 Graham Gordon Smith, Edmonton  
 Katherine Jane Smith, Edmonton  
 Marilyn Carol Sneider, Edmonton  
 Colleen Marie Soetaert, St. Albert  
 Linda Irene Sokolotosky, Edmonton  
 Maggie Mui-En Soong, Edmonton  
 Bonnie Lynn Sparrow, Edmonton  
 Debra Patricia Spiller, Bashaw  
 JoAnne Mary Stang, Camrose  
 Elsie Stark, Edmonton  
 Linda Marie Stearns, Calgary  
 Rita May Steele, Edmonton  
 Eric Alexander Stein, Edmonton  
 Gayla Dawn Stewart, Vermilion  
 Teresa Anne Stimson, Edmonton  
 Barbara Ann Struwe, Hines Creek  
 Karen Lynn Suffield, Edmonton  
 Susan Carol Svarich, Edmonton  
 Douglas Allan Swanson, Edmonton  
 Isabelle Patricia Sweeney, Grande Cache  
 Teresa Irene Tadmam, Calgary  
 Judith Ann Takuski, Edmonton  
 Maureen Candice Tansowny, Barrhead  
 Carol Yvonne Tennant, Ponoka  
 Clara Marie Théberge, Edmonton  
 Larry Alfred Thomas, Wetaskiwin  
 Stanley Gordon Thorseth, Edmonton  
 Blaine Tredway Thorsley, Edmonton  
 Georgina Anne Tkachuk, Spruce Grove  
 Thomas John Tucker, Edmonton  
 Marcia Marian Turnbull, Edmonton

Frederick Francis Ulmer, Edmonton  
 Sonja Hofsink Van Bostelen, Edmonton  
 Hazel Joyce Marie Verrier, Edmonton  
 Patricia Margaret Villeneuve, Edmonton  
 Patrick Werner von Loewenstein, Clyde  
 Muriel Joy Walker, Condor  
 Dolores Veronica Rose Waquan, Edmonton  
 Anne Marie Ward, Edmonton  
 Barbara Anne Warren, Edmonton  
 Donald Harry Watt, Edmonton  
 Patricia Helen Webber, Edmonton  
 Cora Kathleen Weber, Caslan  
 Colleen Ann Wendel, Stony Plain  
 Dwight Randolph Wendell, British Columbia  
 Thomas Dale Wendell, Burdett  
 Selma Jean Wensink, Edmonton  
 Marinus Peter Werner, Coutts  
 William Kenneth Wesson, Edmonton  
 Donna Marie Wheatcroft, Calgary  
 Roger Barry Whitson, Fort Saskatchewan  
 Sheila Ellen Whybrow, Edmonton  
 Adolf Wiens, La Crete  
 Alison Gaye Williams, Edmonton  
 Carolyn Elizabeth Williams, Tomahawk  
 Laurel Renée Williamson, Edmonton  
 Hans Peter Wirtz, Sherwood Park  
 Kenneth Marshall Yaremkevich, Edmonton  
 Emeralda Myrna Elizabeth Yarmuch, Fort Saskatchewan  
 Hiroko Yoshihara, British Columbia  
 William Robert Yukes, Edmonton  
 Lori Eunice Zack, Edmonton  
 Jane Vera Zander, Tomahawk  
 Maureen Zarski, Camrose  
 Georgina Aimee Zasada, Edmonton  
 Douglas Harold Zimmerman, Edmonton  
 Eleanor Bakken Zuk, British Columbia  
 John Zydek, Edmonton

#### *Admitted to the Degree of Bachelor of Education in Vocational Education*

Marjorie Anne Bell, Beaverlodge  
 Lloyd George Jewitt, Sexsmith  
 Nellie Viola O'Brien, Edmonton

Brian Reginald Poon, St. Paul  
 Hugh Yeatman Rayment, Edmonton  
 Charles Lyle Reed, St. Paul

#### *Admitted to the Degree of Bachelor of Education in Industrial Arts*

Joseph Clifford Berezanski, Edmonton

Morris Fedun, Edmonton

#### *Admitted to the Degree of Bachelor of Science in Pharmacy*

*Candidates presented by Professor M. J. Huston,  
 Dean of the Faculty of Pharmacy and Pharmaceutical Sciences*

Marlo Alvin Baydala, Edmonton

Peter Kwong Fuk Hui, Edmonton

#### *Admitted to the Degree of Bachelor of Commerce*

*Candidates presented by Professor D. G. Tyndall,  
 Acting Dean of the Faculty of Business Administration and Commerce*

*With Distinction*

Michael Alexander Coombe, Edmonton  
 Bruce Charles Percy, Edmonton

Catherine Mary Allard, Edmonton  
 Richard Edward Arndt, Edmonton  
 Willem Eduard Laurentius Baas, Edmonton  
 Donald Bruce Bain, Edmonton  
 Terrance Nick Baron, Edmonton  
 John William Battrum, Edmonton  
 Deborah Lynn Broadley, Edmonton  
 Elizabeth Jane Causgrove, Red Deer  
 Hing-Wah Eddie Chan, Hong Kong  
 Winnie Wing Lee Cheung, Hong Kong  
 Kathleen Whisler Cummings, Edmonton  
 Rodney John Dempster, Edmonton  
 Gary Stephen Dixon, Edmonton  
 Donald Carl Edgecombe, Grande Prairie  
 D'arcy Brian Elliott, Edmonton  
 Lawrence Bonneau Fague, Ponoka  
 Dennis Nicholas Fedun, Edmonton  
 Fred Wah Fei Fong, Edmonton  
 Robert Dhanraj Gopaul, Edmonton  
 Scott Leroy Haggins, Calgary  
 Gary Edward Harwardt, Edmonton  
 Brian Ross Herman, Edmonton  
 Gustavus James Hope, Edmonton  
 Bruce Gordon Hudson, Edmonton  
 Richard Alan Killips, Edmonton  
 Michael James Kiraly, Calgary  
 Klaas Albertus Klaassen, Sherwood Park  
 Ernest Kwok Leung Koo, Edmonton  
 David Constantine Kosowan, Edmonton  
 Kenneth Emile Laloge, British Columbia  
 Edna Lai Lai Li, Hong Kong  
 Stanley Lai-Him Lui, Edmonton  
 William Norman Mackay, Edmonton

Terry Harlo Macpherson, St. Albert  
 Patrick James Marshall, Edmonton  
 Roy Allen Maxwell, Edmonton  
 Christine Sandra McLeod, Edmonton  
 John Kenneth McNeill, Calgary  
 David Henry Millican, Calgary  
 Linda Lea Molyneux, Calgary  
 Eleftherios Fotios Moschopedis, Greece  
 James Condie Murray, Edmonton  
 David Edward Parker, Edmonton  
 Bruce Michael Perry, Edmonton  
 Gordon Bennett Pickering, Edmonton  
 Donald Ross Provencher, Medicine Hat  
 Edward Hang Pu, Edmonton  
 Lenora Anne Roberts, Edmonton  
 Elizabeth Jane Ryan, Calgary  
 Allan Paul Sawin, Beaverlodge  
 Robert Melvin Shearer Jr., Lethbridge  
 Joseph Kenneth Scales, Edmonton  
 Kun Fuk Si, Edmonton  
 Bradley John Stevens, Lloydminster  
 Patricia Mary Stevens, Edmonton  
 Jules Joseph Tailleur, Edmonton  
 David Siu Man Tam, Hong Kong  
 Leng Cheng Tan, Malaysia  
 Alphonse Van Zutphen, Edmonton  
 Joel Norman Warhaft, Edmonton  
 Herbert Rainbow Wing, British Columbia  
 Edy Lai-Man Wong, Hong Kong  
 Kwok Chu Philip Yao, Hong Kong  
 Wai Leung Wallace Yuen, Hong Kong  
 Kenneth Kwok-Ho Yung, Hong Kong  
 William Albert Zanewick, Calgary

### *Admitted to the Degree of Bachelor of Science in Nursing*

*Candidates presented by Professor A. Zelmer,  
 Dean of the Faculty of Nursing*

#### *With Distinction*

Joyce Hattie Sandra Baird, Winterburn  
 Donalda Lynn Bell, Calgary  
 Bonnie Suzanne Bradley, Ontario  
 Heather Ann Coulling, Edmonton  
 Mary Judith Foreman, Calgary  
 Sherry Bernice Hayward, Calgary  
 Patricia Jane Hunter, Calgary  
 Patricia Marie Mastel McMahon, Calgary  
 Sharon Lea Roe, Calgary

Sarah Wende Baker, Edmonton  
 Wendy Ann Bill, Edmonton  
 Shirley Anne Cherwak, Vegreville  
 Frances Kathleen Chorney, Calgary  
 Diana Clarke, Edmonton  
 Rhea Margaret Clarke, Calgary  
 Adele Maureen Crowley, Edmonton  
 Victoria Marlene Scheuerman Engel,  
 Calgary  
 Kathryn Mary Knox Garner, Calgary  
 Doris Joan Gilmour, Lacombe  
 Susan Gottselig, Calgary  
 Evelyn Jeanette Guillemain, Calgary  
 Aganetha Regina Herron, Edmonton  
 Elke Maria Hirschmanner, Edmonton  
 Dorothy Mae Holman, Calgary  
 Carol Anne Holowach, Edmonton  
 Jeannette Wing Ping Huen, Edmonton

Debra Jane Jennings, Edmonton  
 Gladys Rose Kurzuk, Edmonton  
 Debra Lee, Manitoba  
 Jeannette Margaret Liknes, Edmonton  
 Wendy Mae Morgan, Cochrane  
 Sylvianne Simone Morgan, Edmonton  
 Gwen Lynn Morrison, High River  
 Wendy Elizabeth Mortis, Calgary  
 Patricia Margaret Pigott, Ontario  
 Gracie Angela Regnier, Edmonton  
 Maya Barbara Schaer, Edmonton  
 Kelda Lynn Shaner, Okotoks  
 Joan Linda Traquair, Calgary  
 Sharon Marie Von Arx, Millet  
 Marilyn Ann Wales, Grande Prairie  
 Carol Lenore Winter, Calgary  
 Maryann Vasko Yeo, Calgary

### *Admitted to the Degree of Bachelor of Science in Home Economics*

*Candidates presented by Professor D. R. Badir,  
Dean of the Faculty of Home Economics*

Corrine Ruth Champion, Edmonton	Laurie Carlene Kingsmith, Calgary
Mo Man Chan, Hong Kong	Marsha Gail MacKay, Calgary
Priscilla Lai-Wah Cheong, Hong Kong	Sheryl Anne Renouf, Edmonton
Helga Bernadina de Bruin, Edmonton	Yvonne Anne Scherban, Edmonton
Elizabeth Anne Ehret, Edmonton	Kathryn Isabelle Squair, Edmonton
Dwaila Marie Harvie, Lethbridge	Johanna Maria Vanderduim, Edmonton
Dorothy Lynne Horsfall, Calgary	

### *Admitted to the Degree of Bachelor of Physical Education*

*Candidates presented by Professor Peter L. Lindsay,  
Chairman of the Department of Physical Education and Recreation  
With Distinction*

Kathy Ellen Reed, Calgary	
Michael Robin Townley, British Columbia	
Grigore Ioan Stefan Ani, Romania	Russell Wayne Pawlyk, Edmonton
Valerie Gail Bamford, Edmonton	Richard Anton Polutnik, Red Deer
Kimberley Barbara Brown, Ontario	Nicole Marie Robert, Edmonton
Barbara Elaine Byers, British Columbia	Deborah Maxine Shatz, Calgary
Wendy Elizabeth Cocker, Edmonton	Gerry Marvin Swan, Bermuda
Kathleen Joyce Griffiths, Edmonton	John Henry Windsor, Australia
Robert Charles Howell, Edmonton	Violet Andrea Zuk, Coleman
Douglas Tim Martin, Manitoba	

### *Admitted to the Degree of Bachelor of Arts in Recreational Administration*

Russell Lee Dahms, Wetaskiwin	Margaret Wynne McCune, Edmonton
Kathleen Ann Kreye, Stony Plain	Janie Rene Toivanen, Red Deer

### *Admitted to the Degree of Bachelor of Occupational Therapy*

*Candidates presented by Professor J. N. Neelley,  
Chairman of the Department of Speech Pathology and Audiology*

Janice Firth, Edmonton	Harriet Skagen, Devon
Marianne Martha Ondrus, Coleman	

### *Admitted to the Degree of Bachelor of Physical Therapy*

Nila Eileen Cooper, Red Deer	Karen Ann Johnson, Edmonton
Nancy Gladys Guthrie, Calgary	Susanne Marie Koehler, Calgary
Marian Lorainne Hanslip, Calgary	Wendy Elizabeth Sparkes, Beaverlodge

### *Admis au Diplôme du Baccalauréat ès Arts*

*Les candidates sont présentés par le Professeur F. J. McMahon,  
Docteur en Collège-Universitaire Saint-Jean*

Wanda Teresa Muszynski, Edmonton
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### *Admis au Diplôme du Baccalauréat en Education*

Claudette Collins, Edmonton	Laurette Marie Therese Robinson, St. Paul
Elizabeth-Anne Malischewski, British Columbia	Debra Gay Rutledge, St. Albert

### *Admitted to the Degree of Bachelor of Laws*

The degree of Bachelor of Laws was conferred on the following candidates who do not attend Fall Convocation.

Gordon Edward William Barr, Edmonton, Conferred June 27, 1977  
Barry John Cavanaugh, Edmonton, Conferred August 17, 1977  
Sean Michael Halley, Edmonton, Conferred August 30, 1977  
Randall Craig Heil, Edmonton, Conferred June 16, 1977  
Keith Mowat Leslie, Edmonton, Conferred June 20, 1977  
Norman Robert St. Arnaud, Edmonton, Conferred June 20, 1977  
Brenda Lea Stothert, Edmonton, Conferred June 15, 1977

# Diplomas

The Faculty of Dentistry has approved the award of a diploma to the following candidate who does not attend Convocation.

## *Diploma in Dentistry*

Wallace Owen Donald, St. Albert

The Faculty of Education has approved the award of diplomas to the following candidates who do not attend Convocation.

## *Diploma of the Faculty of Education*

Patrick Ikebukwu Augustine Adigwe,  
Edmonton  
Ross Allen Akins, Stony Plain  
Patricia Margaret Banks, Edmonton  
Douglas Malcolm Beaton, Sherwood Park  
Donald Garth Beggs, Stony Plain  
Frank Walter Blonke, Peace River  
Esther Annie Borynec, Edmonton  
Betty Lou Boulton, Stony Plain  
David Francis Bouyea, Barrhead  
Edward Frederick Boyd, Red Deer  
Marvin Paul Checknita, Sherwood Park  
Alex Marshall Cucheran, Edmonton  
Rhoda Ann Cucheran, Edmonton  
Lawrence Ronald Dary, Edmonton  
Thomas Dwight Davidson, Wetaskiwin  
Helen Davies, Edmonton  
Joy Winifred DeMello, Edmonton  
Hubert Neil Evans, Sherwood Park  
Robert John Ferguson, St. Albert  
Delbert Thomas Feser, St. Albert  
Linda Gail Fisk, Edmonton  
Mary Jane Flannigan, Edmonton  
Myrna Grace Fox, Elk Point  
Lorne Robert Garner, Edmonton  
Flora Ghali, Sherwood Park  
Howard Clifford Gilbey, Sherwood Park  
Neil Reid Gourley, Edmonton  
Helen May Haagenzen, St. Albert  
Sonja Marie Jacobsen, Edmonton  
David Allan Jamieson, Edmonton  
Wendy Marie Johnson, Edmonton

Martha Wilma Kinley, Sherwood Park  
Donald Constantine Kondrat, Tofield  
Dianna May Korpan, Lavoy  
Gene Kowalchuk, Athabasca  
Marilyn Rose Landreville, Edmonton  
Shelley Marie Langford, St. Albert  
Edith Shuk-Yin Lau, Mayerthorpe  
Carol Majorie Waldon Milne, Ontario  
Ardis Mary Nolan, Edmonton  
Louise Therese Pearson, Saskatchewan  
Silvio Pino, Edmonton  
Richard Lea Rideout, St. Albert  
Evelyn Ridge, Edmonton  
Walter Parker Robinson, British Columbia  
Donald Arthur Rogers, St. Albert  
Donald Percy Rosichuk, Grande Prairie  
Elizabeth Gertrude Saldanha, Edmonton  
David Sidney Sanderson, Elk Point  
Helen Ruth Saranchuk, Fort Saskatchewan  
James Jacob Seutter, Edmonton  
Donna Lynn Sharrun, Fort Saskatchewan  
Dale William Smith, Edmonton  
Sharon Ardyth Sorenson, Edmonton  
Nicholas George Spillios, Edmonton  
David Harry Strand, Edmonton  
Walter Sudyk, Sherwood Park  
Carol May Trathen, Edmonton  
Gary Michael Tym, Edmonton  
Margaret Elaine Ward, Leduc  
Glen Herbert Wilcox, Mayerthorpe  
Kenneth Arthur Wold, Barrhead  
Sandra Joyce Yakimowich, Seba Beach

## *Professional Diploma in Education*

Douglas Donnelly Elves, Edmonton  
Donna Marlis Wendt Montgomery,  
Edmonton

Allen Albert Perrott, Edmonton  
Stanley Victor Snyder, Lacombe

The Faculty of Rehabilitation Medicine has approved the award of the diplomas on the following candidates who do not attend Convocation.

## *Diploma in Occupational Therapy*

Rosalea Elliott, North Star

### *Diploma in Physical Therapy*

Robin Leigh Adair, Edmonton  
Hilmir Agustsson, Iceland  
Gillian Harvey Baird, Newfoundland  
Jane Bruce, Calgary  
Joan Bruce-Konuah, Ghana  
Grace Choi Ha Chan, Edmonton  
Hazel Margaret Clarkson, Edmonton  
Karen Daley, Camrose  
Winnifred Theresa DeJong, Vulcan  
Loretta Mae Dyck, Edmonton  
Tina Rose Friedrich, Edmonton  
Barbara Jane Gray, Edmonton  
Sharon Lee Harter, Edmonton  
Ken Hirose, Manitoba  
Sheila Jane Jones, Calgary  
Penelope Joan Lightfoot, Edmonton

Catherine Joan McCracken, Edmonton  
Wendy Constance Mirosh, Edmonton  
Carol Anne Murray, Edmonton  
Katherine Ada Reitmeyer, Edmonton  
Rebecca Robbins, Edmonton  
Patricia Louise Skelton, Lethbridge  
Lois Aura Taylor, Edmonton  
Sonja Taylor, Red Deer  
Flora Yuet-Bing To, Calgary  
Judith Caroline Tough, Newfoundland  
Linda Mary Van Overloop, Edmonton  
Rita Janie Wannechko, Elk Point  
Karen Ann Ward, Edmonton  
Krista Anne Weiner, Calgary  
Magdalene Woelcke, Coaldale  
Loretta Marie Zimmer, Handel

### MUSIC

#### *Associate Diploma in Music*

Jane Cawsey, (piano-performer, honors), Edmonton  
Edward Connell (piano-performer, first class honors), Edmonton  
Audrey Reynolds (piano-performer, honors), Edmonton  
Marie Schulte (piano-performer, honors), Edmonton  
Joachim Segger (piano-performer, first class honors), Edmonton  
Bryan Young (piano-performer, honors), Edmonton  
Judith Hambley (singing-performer, honors), Edmonton  
Laurelie Nattress (saxophone-performer, honors), Edmonton

## *Certificates*

The following students who were previously awarded the General Degree of Bachelor of Arts have now completed further work and possess the equivalent of the requirements for the Degree of Bachelor of Arts (Special). These students do not attend Convocation.

Rodney Lavern Johnson, Camrose

Milton William Openshaw, Edmonton

The following student who was previously awarded the General Degree of Bachelor of Science has now completed further work and possesses the equivalent of the requirements for the Degree of Bachelor of Science with Specialization. This student does not attend Convocation

Douglas Ray Flaig, Calgary

















## GOWNS, HOODS, AND MORTAR BOARDS

The tradition of academic dress dates back to the early 14th century. Its origins seem to have been mainly ecclesiastical but partly functional. Since the early institutions of higher learning in England were run by and for the members of religious orders, clerical discipline prevailed, and tonsured heads and clerical garb were required. However, it is probable that long woolen gowns were considered necessary, in any case, to shield medieval scholars from the dampness and cold of the unheated buildings, and that hoods were used to provide warmth to their shaven heads.

The hoods or cowls of monastic orders, which, in warm weather could be thrown back to fall between the shoulders, were superseded as headdress by the ecclesiastical calotte or skull cap, but were retained as a sort of cape. After the Reformation the clerical skull cap was replaced by the academic "round cap", a circular, velvet bonnet, which is still prescribed for higher degrees by a number of universities. The mortar board, the hard, square cap that is so commonly used as academic headdress today, evolved from the softer, more flexible "square cap" that was introduced in England in about 1490.

So, from these early beginnings a code of academic dress gradually evolved. Colors were introduced in the borders and linings of the hoods to distinguish between degrees in different fields of study, and a variety of patterns of both gowns and hoods was developed to distinguish between different levels of degrees.

